

ABSTRACT OF THE DISCLOSURE

A fuel cell includes separators and electrolyte electrode assemblies in a first area between the separators.

5 Each separator includes a first plate and a second plate stacked together to form a second area between the first plate and the second plate. The second area is divided by an outer ridge into a fuel gas channel, and an oxygen-containing gas channel. The fuel gas channel formed in one

10 separator is connected to a fuel gas flow passage in the first area through fuel gas inlets for supplying a fuel gas to anodes. The oxygen-containing gas channel in the other separators is connected to an oxygen-containing gas flow passage in the first area through oxygen-containing gas

15 inlets for supplying an oxygen-containing gas to cathodes.